

Form PTO-1390

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

P29558

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/573072**INTERNATIONAL APPLICATION NO.  
PCT/JP2004/014455INTERNATIONAL FILING DATE  
24 September 2004PRIORITY DATE CLAIMED  
24 September 2003

## TITLE OF INVENTION

METHOD FOR DETERMINING SEVERITY OF AND PREDICTING PREGNANCY-INDUCED HYPERTENSION AND METHOD FOR  
EVALUATING FETUS AND PLACENTAL FUNCTIONS IN PREGNANCY-INDUCED HYPERTENSION

## APPLICANT(S) FOR DO/EO/US


Hiroshi ODA, Kosuke SEIKI, Yasuhiko SHIINA, Nobuyuki SATO, Satoru TAKEDA, Naomi EGUCHI, and Yoshihiro URADE

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (23) indicated below.
4. ☒ The US has been elected (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154 (d) (4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  
"Executed"
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 22 below concern other document(s) or information included:

11. Assignee: MARUHA CORPORATION, of Tokyo, Japan; and OSAKA BIOSCIENCE INSTITUTE, of Osaka, Japan
12. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
13. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
14. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ An Application Data Sheet under 37 C.F.R. 1.76.
16. ☐ A substitute specification.
17. ☐ A power of attorney and/or change of address letter.
18. ☒ Figure of Drawing to be published: 1
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154 (d) (4).
21. ☐ A second copy of the English language translation of the international of the international application under 35 U.S.C. 154 (d) (4).
22. ☒ Other items or information:  
International Application as published in Japanese.  
PCT/ISA/210 International Search Report (in English and Japanese).  
International Receipt in the Case of an Original Deposit (5) (in English and Japanese).  
PCT/RO/101 PCT Request (in Japanese).  
PCT/IPEA/409 International Preliminary Examination Report (in Japanese).  
PCT/IB/304.  
PCT/IB/308 (2).  
Claim of Priority.

|   |              |   |  |                                    |              |
|---|--------------|---|--|------------------------------------|--------------|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/573072</b>   |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP2004/014455                            |  | ATTORNEY'S DOCKET NUMBER<br>P29558 |              |
| 23 <input checked="" type="checkbox"/> The following fees are submitted:<br>Basic national fee..... <b>300.00</b>   |              |   |  | CALCULATIONS                       | PTO USE ONLY |
|   |              |   |  | \$ 300.00                          |              |
| 24 <input checked="" type="checkbox"/> Examination Fee<br>If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33 (1)-(4)..... <b>0.00</b><br>All other situations..... <b>200.00</b>   |              |   |  | \$ 200.00                          |              |
| 25 <input checked="" type="checkbox"/> Search fee<br>Search fee (37 CFR 1.445(a) (2)) has been paid on the international application to the USPTO as an International Searching Authority..... <b>0.00</b><br>International Search Report prepared and provided to the Office..... <b>400.00</b><br>All other situations..... <b>500.00</b>   |              |   |  | \$ 400.00                          |              |
| <b>TOTAL 23, 24 and 25 =</b>  |              |   |  | \$ 900.00                          |              |
| <input type="checkbox"/> Additional Fee for Specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.  |              |   |  |                                    |              |
| Total Sheets  | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE   |                                    |              |
| -100=   | /50 =        |   | x \$250.00   | \$ 0.00                            |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).  |              |   |  | \$ 0.00                            |              |
| Claims  | Number Filed | Number Extra  | Rate   |                                    |              |
| Total Claims  | 15 - 20 =    | 0   | x \$50.00  | \$ 0.00                            |              |
| Independent Claims  | 5 - 3 =      | 2   | x \$200.00   | \$ 400.00                          |              |
| Multiple Dependent Claim(s) (if applicable)   |              |   | + \$360.00   | \$ 0.00                            |              |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |   |  | \$1300.00                          |              |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |              |   |  | \$ 0.00                            |              |
| <b>SUBTOTAL =</b>   |              |   |  | \$1300.00                          |              |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (i)).  |              |   |  | \$ 0.00                            |              |
| Extension of Time fee in the amount of \$   |              |   |  | \$ 0.00                            |              |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |  | \$1300.00                          |              |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |              |   |  | \$ 40.00                           |              |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |  | \$1340.00                          |              |
|   |              |   |  | Amount to be refunded              | \$           |
|   |              |   |  | Charged                            | \$           |
| a. <input checked="" type="checkbox"/> A check in the amount of <b>\$1,340.00</b> to cover the above fees is included.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees.<br>c. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>19-0089</b> .<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public.<br><b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.<br><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b> |              |   |  |                                    |              |
| SEND ALL CORRESPONDENCE TO CUSTOMER NO. 07055<br>AT THE PRESENT ADDRESS OF:   |              |   |  |                                    |              |
| Bruce H. Bernstein<br>GREENBLUM & BERNSTEIN, P.L.C.<br>1950 Roland Clark Place<br>Reston, VA 20191<br>(703) 716-1191  |              |   | Leslie J. Paperner<br>Reg. #33329<br>SIGNATURE  |                                    |              |
|   |              |   | Bruce H. Bernstein<br>NAME   |                                    |              |
|   |              |   | 29,027<br>REGISTRATION NUMBER  |                                    |              |